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Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	10/044,564
	Filing Date	01/11/02
	First Named Inventor	Mezes
	Group Art Unit	1635
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	21402-240 (Cura-540)

U.S. PATENT DOCUMENTS

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS

Exam Initials	Cite No.	Foreign Patent Document Office Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
MP	C1	Albrecht et al. (2000). "Muscarinic acetylcholine receptors induce the expression of the immediate early growth regulatory gene CYR61." <i>J Biol Chem</i> 275(37): 28929-28936.
MP	C2	Alderborn et al. (2000). "Determination of single-nucleotide polymorphisms by real-time pyrophosphate DNA sequencing." <i>Genome Res</i> 10(8): 1249-1258.
MP	C3	Babic et al. (1998). "CYR61, a product of a growth factor-inducible immediate early gene, promotes angiogenesis and tumor growth." <i>Proc Natl Acad Sci USA</i> 95(11): 6355-6360.
MP	C4	Boillee et al. (2001). "Transforming growth factor alpha: a promoter of motoneuron survival of potential biological relevance." <i>J Neurosci</i> 21(18): 7079-7088.
MP	C5	Brown (2000). "Glucose transporters: structure, function and consequences of deficiency." <i>J Inherit Metab Dis</i> 23(3): 237-246.
MP	C6	Capito et al. (1999). "Mechanism of fat-induced attenuation of glucose-induced insulin secretion from mouse pancreatic islets." <i>Acta Diabetol</i> 36(3): 119-125.
MP	C7	Chesneau et al. (1996). "NRD convertase: a putative processing endoprotease associated with the axoneme and the manchette in late spermatids." <i>J Cell Sci</i> 109(Pt 11): 2737-2745.
MP	C8	Chesneau et al. (1994). "N-arginine dibasic convertase (NRD convertase): a newcomer to the family of processing endopeptidases. An overview." <i>Biochimie</i> 76(3-4): 234-240.
MP	C9	Chung and Ahn (1998). "Expression of immediate early gene cyr61 during the differentiation of immortalized embryonic hippocampal neuronal cells." <i>Neurosci Lett</i> 255(3): 155-158.
MP	C10	Corbeil et al. (2001). "Prominin: a story of cholesterol, plasma membrane protrusions and human pathology." <i>Traffic</i> 2(2): 82-91.
MP	C11	dos Santos Silva et al. (2000). "Trefol factor family domain peptides in the human respiratory tract." <i>J Pathol</i> 190(2): 133-142.
MP	C12	Dou and Joseph (1996). "Cloning of human neuronatin gene and its localization to chromosome-20q 11.2-12: the deduced protein is a novel "proteolipid." <i>Brain Res</i> 723(1-2): 8-22.
MP	C13	Efstathiou et al. (1998). "Intestinal trefol factor controls the expression of the adenomatous polyposis coli-catenin and the E-cadherin-catenin complexes in human colon carcinoma cells." <i>Proc Natl Acad</i>

Date of Deposit: April 30, 2002

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
		<i>Sci USA</i> 95(6): 3122-3127.
<i>MP</i>	C14	El-Tanani and Green (1997). "Interaction between estradiol and growth factors in the regulation of specific gene expression in MCF-7 human breast cancer cells." <i>J Steroid Biochem Mol Biol</i> 60(5-6): 269-276.
<i>MP</i>	C15	Ferrarese et al. (1998). "Diazepam binding inhibitor (DBI) in the plasma of pediatric and adult epileptic patients." <i>Epilepsy Res</i> 29(2): 129-134.
<i>MP</i>	C16	GenBank Accession Number: A31556 (17-JUL-1996).
<i>MP</i>	C17	GenBank Accession Number: AAA35625 (28-OCT-1993).
<i>MP</i>	C18	GenBank Accession Number: AAB27021 (25-AUG-1993).
<i>MP</i>	C19	GenBank Accession Number: AAB58421 (26-NOV-2001).
<i>MP</i>	C20	GenBank Accession Number: AAB87503 (11-JUN-1999).
<i>MP</i>	C21	GenBank Accession Number: AAB96916 (17-JAN-1998).
<i>MP</i>	C22	GenBank Accession Number: AAC19317 (14-JUN-1999).
<i>MP</i>	C23	GenBank Accession Number: AAD27789 (27-APR-1999).
<i>MP</i>	C24	GenBank Accession Number: AAF16875 (12-DEC-1999).
<i>MP</i>	C25	GenBank Accession Number: AAF48105 (04-OCT-2000).
<i>MP</i>	C26	GenBank Accession Number: AAF58976 (04-OCT-2000).
<i>MP</i>	C27	GenBank Accession Number: AAF66247 (30-APR-2000).
<i>MP</i>	C28	GenBank Accession Number: AAF66480 (24-SEP-2001).
<i>MP</i>	C29	GenBank Accession Number: AAF89677 (01-AUG-2000).
<i>MP</i>	C30	GenBank Accession Number: AAG59863 (08-APR-2002).
<i>MP</i>	C31	GenBank Accession Number: AAH02668 (12-JUL-2001).
<i>MP</i>	C32	GenBank Accession Number: AAH08317 (12-JUL-2001).
<i>MP</i>	C33	GenBank Accession Number: AAH09272 (12-JUL-2001).
<i>MP</i>	C34	GenBank Accession Number: AAH12089 (06-AUG-2001).
<i>MP</i>	C35	GenBank Accession Number: AAH12303 (08-AUG-2001).
<i>MP</i>	C36	GenBank Accession Number: AAH17011 (09-NOV-2001).
<i>MP</i>	C37	GenBank Accession Number: AAK61253 (08-JUN-2001).
<i>MP</i>	C38	GenBank Accession Number: AAK82364 (31-JUL-2001).
<i>MP</i>	C39	GenBank Accession Number: AAK94063 (22-AUG-2001).
<i>MP</i>	C40	GenBank Accession Number: AB022425 (16-NOV-2000).
<i>MP</i>	C41	GenBank Accession Number: AE003487 (04-OCT-2000).
<i>MP</i>	C42	GenBank Accession Number: AE003834 (04-OCT-2000).
<i>MP</i>	C43	GenBank Accession Number: AE006464 (08-JUN-2001).
<i>MP</i>	C44	GenBank Accession Number: AF033585 (11-JUN-1999).
<i>MP</i>	C45	GenBank Accession Number: AF039663 (17-JAN-1998).
<i>MP</i>	C46	GenBank Accession Number: AF069301 (14-JUN-1999).
<i>MP</i>	C47	GenBank Accession Number: AF088850 (27-APR-1999).
<i>MP</i>	C48	GenBank Accession Number: AF110026 (12-DEC-1999).
<i>MP</i>	C49	GenBank Accession Number: AF140346 (24-SEP-2001).
<i>MP</i>	C50	GenBank Accession Number: AF169639 (01-AUG-2000).
<i>MP</i>	C51	GenBank Accession Number: AF244138 (30-APR-2000).
<i>MP</i>	C52	GenBank Accession Number: AF307860 (08-APR-2002).
<i>MP</i>	C53	GenBank Accession Number: AF386758 (31-JUL-2001).

Date of Deposit: April 30, 2002

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
CP	C54	GenBank Accession Number: AF402772 (22-AUG-2001).
CP	C55	GenBank Accession Number: AJ400622 (02-NOV-2000).
CP	C56	GenBank Accession Number: AK002694 (19-JAN-2002).
CP	C57	GenBank Accession Number: AK003004 (19-JAN-2002).
CP	C58	GenBank Accession Number: AL031258 (19-APR-2001).
CP	C59	GenBank Accession Number: AL033383 (15-JUN-2000).
CP	C60	GenBank Accession Number: AL050343 (07-FEB-2000).
CP	C61	GenBank Accession Number: AL136642 (10-MAR-2001).
CP	C62	GenBank Accession Number: AL591180 (23-NOV-2001).
CP	C63	GenBank Accession Number: AP001746 (30-MAY-2000).
CP	C64	GenBank Accession Number: BAA06685 (06-OCT-2001).
CP	C65	GenBank Accession Number: BAA37147 (16-NOV-2000).
CP	C66	GenBank Accession Number: BAA95531 (30-MAY-2000).
CP	C67	GenBank Accession Number: BAB22289 (19-JAN-2002).
CP	C68	GenBank Accession Number: BAB22507 (19-JAN-2002).
CP	C69	GenBank Accession Number: BAB23792 (19-JAN-2002).
CP	C70	GenBank Accession Number: BAB32311 (19-JAN-2002).
CP	C71	GenBank Accession Number: BC002668 (12-JUL-2001).
CP	C72	GenBank Accession Number: BC008317 (12-JUL-2001).
CP	C73	GenBank Accession Number: BC009272 (12-JUL-2001).
CP	C74	GenBank Accession Number: BC012089 (06-AUG-2001).
CP	C75	GenBank Accession Number: BC012303 (08-AUG-2001).
CP	C76	GenBank Accession Number: BC017011 (09-NOV-2001).
CP	C77	GenBank Accession Number: CAA30058 (22-SEP-1995).
CP	C78	GenBank Accession Number: CAA63696 (25-NOV-1997).
CP	C79	GenBank Accession Number: CAA72167 (16-JAN-1998).
CP	C80	GenBank Accession Number: CAB66577 (10-MAR-2001).
CP	C81	GenBank Accession Number: CAB72328 (07-FEB-2000).
CP	C82	GenBank Accession Number: CAB90827 (02-NOV-2000).
CP	C83	GenBank Accession Number: CAB94781 (15-JUN-2000).
CP	C84	GenBank Accession Number: CAC37289 (19-APR-2001).
CP	C85	GenBank Accession Number: CAD10102 (23-NOV-2001).
CP	C86	GenBank Accession Number: D31887 (06-OCT-2001).
CP	C87	GenBank Accession Number: G02273 (02-MAR-1995).
CP	C88	GenBank Accession Number: L10955 (28-OCT-1993).
CP	C89	GenBank Accession Number: L27124 (30-SEP-1994).
CP	C90	GenBank Accession Number: NM_000340 (31-OCT-2000).
CP	C91	GenBank Accession Number: NM_000717 (31-OCT-2000).
CP	C92	GenBank Accession Number: NM_000892 (31-OCT-2000).
CP	C93	GenBank Accession Number: NM_001150 (31-OCT-2000).
CP	C94	GenBank Accession Number: NM_001554 (31-OCT-2000).
CP	C95	GenBank Accession Number: NM_002151 (31-OCT-2000).
CP	C96	GenBank Accession Number: NM_003014 (20-DEC-2001).

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
WJ	C97	GenBank Accession Number: NM_003226 (31-OCT-2000).
WJ	C98	GenBank Accession Number: NM_005386 (01-NOV-2000).
WJ	C99	GenBank Accession Number: NM_005764 (10-FEB-2002).
WJ	C100	GenBank Accession Number: NM_005823 (22-AUG-2001).
WJ	C101	GenBank Accession Number: NM_007197 (19-DEC-2001).
WJ	C102	GenBank Accession Number: NM_007283 (10-APR-2002).
WJ	C103	GenBank Accession Number: NM_008281 (07-JAN-2002).
WJ	C104	GenBank Accession Number: NM_008455 (07-JAN-2002).
WJ	C105	GenBank Accession Number: NM_008486 (07-JAN-2002).
WJ	C106	GenBank Accession Number: NM_008935 (07-JAN-2002).
WJ	C107	GenBank Accession Number: NM_010516 (07-JAN-2002).
WJ	C108	GenBank Accession Number: NM_010923 (07-JAN-2002).
WJ	C109	GenBank Accession Number: NM_011844 (07-JAN-2002).
WJ	C110	GenBank Accession Number: NM_012319 (10-DEC-2001).
WJ	C111	GenBank Accession Number: NM_012725 (19-JAN-2002).
WJ	C112	GenBank Accession Number: NM_013404 (22-AUG-2001).
WJ	C113	GenBank Accession Number: NM_016687 (07-JAN-2002).
WJ	C114	GenBank Accession Number: NM_017112 (24-AUG-2001).
WJ	C115	GenBank Accession Number: NM_023020 (08-FEB-2001).
WJ	C116	GenBank Accession Number: NM_026018 (07-JAN-2002).
WJ	C117	GenBank Accession Number: NM_032864 (04-AUG-2001).
WJ	C118	GenBank Accession Number: NM_053087 (08-JAN-2002).
WJ	C119	GenBank Accession Number: NM_053544 (07-NOV-2001).
WJ	C120	GenBank Accession Number: NM_053601 (07-NOV-2001).
WJ	C121	GenBank Accession Number: NM_073361 (03-DEC-2001).
WJ	C122	GenBank Accession Number: NP_000331 (31-OCT-2000).
WJ	C123	GenBank Accession Number: NP_000708 (31-OCT-2000).
WJ	C124	GenBank Accession Number: NP_000883 (31-OCT-2000).
WJ	C125	GenBank Accession Number: NP_001141 (31-OCT-2000).
WJ	C126	GenBank Accession Number: NP_001545 (31-OCT-2000).
WJ	C127	GenBank Accession Number: NP_002142 (31-OCT-2000).
WJ	C128	GenBank Accession Number: NP_003005 (20-DEC-2001).
WJ	C129	GenBank Accession Number: NP_003217 (31-OCT-2000).
WJ	C130	GenBank Accession Number: NP_005377 (01-NOV-2000).
WJ	C131	GenBank Accession Number: NP_005755 (10-FEB-2002).
WJ	C132	GenBank Accession Number: NP_005814 (22-AUG-2001).
WJ	C133	GenBank Accession Number: NP_009128 (19-DEC-2001).
WJ	C134	GenBank Accession Number: NP_009214 (10-APR-2002).
WJ	C135	GenBank Accession Number: NP_032307 (07-JAN-2002).
WJ	C136	GenBank Accession Number: NP_032481 (07-JAN-2002).
WJ	C137	GenBank Accession Number: NP_032512 (07-JAN-2002).
WJ	C138	GenBank Accession Number: NP_032961 (07-JAN-2002).
WJ	C139	GenBank Accession Number: NP_034646 (07-JAN-2002).

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
<i>AP</i>	C140	GenBank Accession Number: NP_035053 (07-JAN-2002).
<i>AP</i>	C141	GenBank Accession Number: NP_035974 (07-JAN-2002).
<i>AP</i>	C142	GenBank Accession Number: NP_036451 (10-DEC-2001).
<i>AP</i>	C143	GenBank Accession Number: NP_036857 (19-JAN-2002).
<i>AP</i>	C144	GenBank Accession Number: NP_037536 (22-AUG-2001).
<i>AP</i>	C145	GenBank Accession Number: NP_057896 (07-JAN-2002).
<i>AP</i>	C146	GenBank Accession Number: NP_058808 (24-AUG-2001).
<i>AP</i>	C147	GenBank Accession Number: NP_075409 (08-FEB-2001).
<i>AP</i>	C148	GenBank Accession Number: NP_080294 (07-JAN-2002).
<i>AP</i>	C149	GenBank Accession Number: NP_116253 (04-AUG-2001).
<i>AP</i>	C150	GenBank Accession Number: NP_181597 (13-AUG-2001).
<i>AP</i>	C151	GenBank Accession Number: NP_444317 (08-JAN-2002).
<i>AP</i>	C152	GenBank Accession Number: NP_445996 (07-NOV-2001).
<i>AP</i>	C153	GenBank Accession Number: NP_446053 (07-NOV-2001).
<i>AP</i>	C154	GenBank Accession Number: NP_505762 (03-DEC-2001).
<i>AP</i>	C155	GenBank Accession Number: NP_536458 (12-DEC-2001).
<i>AP</i>	C156	GenBank Accession Number: O43490 (16-OCT-2001).
<i>AP</i>	C157	GenBank Accession Number: P15144 (01-MAR-2002).
<i>AP</i>	C158	GenBank Accession Number: P15541 (01-MAR-2002).
<i>AP</i>	C159	GenBank Accession Number: S05319 (13-MAR-1997).
<i>AP</i>	C160	GenBank Accession Number: S51082 (05-NOV-1999).
<i>AP</i>	C161	GenBank Accession Number: S66253 (13-MAR-1997).
<i>AP</i>	C162	GenBank Accession Number: S68362 (07-MAY-1999).
<i>AP</i>	C163	GenBank Accession Number: U67964 (26-NOV-2001).
<i>AP</i>	C164	GenBank Accession Number: X07002 (22-SEP-1995).
<i>AP</i>	C165	GenBank Accession Number: X93208 (25-NOV-1997).
<i>AP</i>	C166	GenBank Accession Number: XM_001517 (07-FEB-2002).
<i>AP</i>	C167	GenBank Accession Number: XM_001831 (06-FEB-2002).
<i>AP</i>	C168	GenBank Accession Number: XM_003474 (06-FEB-2002).
<i>AP</i>	C169	GenBank Accession Number: XM_004646 (07-FEB-2002).
<i>AP</i>	C170	GenBank Accession Number: XM_004706 (06-FEB-2002).
<i>AP</i>	C171	GenBank Accession Number: XM_005346 (07-FEB-2002).
<i>AP</i>	C172	GenBank Accession Number: XM_008313 (07-FEB-2002).
<i>AP</i>	C173	GenBank Accession Number: XM_029402 (10-DEC-2001).
<i>AP</i>	C174	GenBank Accession Number: XM_032969 (07-FEB-2002).
<i>AP</i>	C175	GenBank Accession Number: XM_042586 (06-FEB-2002).
<i>AP</i>	C176	GenBank Accession Number: XM_061203 (07-FEB-2002).
<i>AP</i>	C177	GenBank Accession Number: XM_068181 (06-FEB-2002).
<i>AP</i>	C178	GenBank Accession Number: XP_001517 (07-FEB-2002).
<i>AP</i>	C179	GenBank Accession Number: XP_001831 (06-FEB-2002).
<i>AP</i>	C180	GenBank Accession Number: XP_003474 (06-FEB-2002).
<i>AP</i>	C181	GenBank Accession Number: XP_004646 (07-FEB-2002).
<i>AP</i>	C182	GenBank Accession Number: XP_004706 (06-FEB-2002).

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
<i>MP</i>	C183	GenBank Accession Number: XP_005346 (07-FEB-2002).
<i>MP</i>	C184	GenBank Accession Number: XP_008313 (07-FEB-2002).
<i>MP</i>	C185	GenBank Accession Number: XP_029402 (10-DEC-2001).
<i>MP</i>	C186	GenBank Accession Number: XP_032969 (07-FEB-2002).
<i>MP</i>	C187	GenBank Accession Number: XP_042586 (06-FEB-2002).
<i>MP</i>	C188	GenBank Accession Number: XP_061203 (07-FEB-2002).
<i>MP</i>	C189	GenBank Accession Number: XP_068181 (06-FEB-2002).
<i>MP</i>	C190	GenBank Accession Number: Y11307 (16-JAN-1998).
<i>MP</i>	C191	Hassan et al. (2000). "Anti-tumor activity of K1-LysPE38QQR, an immunotoxin targeting mesothelin, a cell-surface antigen overexpressed in ovarian cancer and malignant mesothelioma." <i>J Immunother</i> 23(4): 473-479.
<i>MP</i>	C192	Herzog et al. (1996). "Intraseptal flumazenil enhances, while diazepam binding inhibitor impairs, performance in a working memory task." <i>Neurobiol Learn Mem</i> 66(3): 341-352.
<i>MP</i>	C193	Hoover-Plow and Yuen (2001). "Plasminogen binding is increased with adipocyte differentiation." <i>Biochem Biophys Res Commun</i> 284(2): 389-394.
<i>MP</i>	C194	Hospital et al. (1997). "Human and rat testis express two mRNA species encoding variants of NRD convertase, a metalloendopeptidase of the insulinase family." <i>Biochem J</i> 327(Pt 3): 773-779.
<i>MP</i>	C195	Hospital et al. (2000). "N-arginine dibasic convertase (nardilysin) isoforms are soluble dibasic- specific metalloendopeptidases that localize in the cytoplasm and at the cell surface." <i>Biochem J</i> 349(Pt 2): 587-597.
<i>MP</i>	C196	Junier (2000). "What role(s) for TGFalpha in the central nervous system?" <i>Prog Neurobiol</i> 62(5): 443-473.
<i>MP</i>	C197	Kawakami et al. (2000). "Involvement of frizzled-10 in Wnt-7a signaling during chick limb development." <i>Dev Growth Differ</i> 42(6): 561-569.
<i>MP</i>	C198	Kocher et al. (1996). "Identification and partial characterization of a novel membrane- associated protein (MAP17) up-regulated in human carcinomas and modulating cell replication and tumor growth." <i>Am J Pathol</i> 149(2): 493-500.
<i>MP</i>	C199	Koike et al. (1999). "Molecular cloning of Frizzled-10, a novel member of the Frizzled gene family." <i>Biochem Biophys Res Commun</i> 262(1): 39-43.
<i>MP</i>	C200	Kolmer et al. (1993). "Cloning and tissue-specific functional characterization of the promoter of the rat diazepam binding inhibitor, a peptide with multiple biological actions." <i>Proc Natl Acad Sci USA</i> 90(18): 8439-8443.
<i>MP</i>	C201	Louahed et al. (2000). "Interleukin-9 upregulates mucus expression in the airways." <i>Am J Respir Cell Mol Biol</i> 22(6): 649-656.
<i>MP</i>	C202	Magee et al. (2001). "Expression profiling reveals hepsin overexpression in prostate cancer." <i>Cancer Res</i> 61(15): 5692-5696.
<i>MP</i>	C203	Mahieu et al. (1995). "Characterization of membrane bound carbonic anhydrase IV (CA IV) located on the external surface of lung pulmonary endothelial cells." <i>Biochem Soc Trans</i> 23(2): 320S.
<i>MP</i>	C204	Moriwaki et al. (2000). "Isolation of Xenopus frizzled-10A and frizzled-10B genomic clones and their expression in adult tissues and embryos." <i>Biochem Biophys Res Commun</i> 278(2): 377-384.
<i>MP</i>	C205	Nishi et al. (2001). "N-arginine dibasic convertase is a specific receptor for heparin- binding EGF-like growth factor that mediates cell migration." <i>Embo J</i> 20(13): 3342-3350.
<i>MP</i>	C206	Noselli and Agnes (1999). "Roles of the JNK signaling pathway in Drosophila morphogenesis." <i>Curr Opin Genet Dev</i> 9(4): 466-472.
<i>MP</i>	C207	O'Brien et al. (1990). "Expression of cyr61, a growth factor-inducible immediate-early gene." <i>Mol Cell Biol</i> 10(7): 3569-3577.
<i>MP</i>	C208	Ohkuma et al. (2001). "Alterations in cerebral diazepam binding inhibitor expression in drug dependence: a possible biochemical alteration common to drug dependence." <i>Life Sci</i> 68(11): 1215-

Date of Deposit: April 30, 2002

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
		1222.
<i>MP</i>	C209	Pittenger et al. (1999). "Multilineage potential of adult human mesenchymal stem cells." <i>Science</i> <u>284</u> (5411): 143-147.
<i>MP</i>	C210	Rencurel et al. (1996). "Requirement of glucose metabolism for regulation of glucose transporter type 2 (GLUT2) gene expression in liver." <i>Biochem J</i> <u>314</u> (Pt 3): 903-909.
<i>MP</i>	C211	Ross et al. (1998). "Low activity of key phospholipid catabolic and anabolic enzymes in human substantia nigra: possible implications for Parkinson's disease." <i>Neuroscience</i> <u>83</u> (3): 791-798.
<i>MP</i>	C212	Ross et al. (1999). "Differential alteration of phospholipase A2 activities in brain of patients with schizophrenia." <i>Brain Res</i> <u>821</u> (2): 407-413.
<i>MP</i>	C213	Ross (2000). "Novel mechanisms of drug resistance in leukemia." <i>Leukemia</i> <u>14</u> (3): 467-473.
<i>MP</i>	C214	Selvarajan et al. (2001). "A plasma kallikrein-dependent plasminogen cascade required for adipocyte differentiation." <i>Nat Cell Biol</i> <u>3</u> (3): 267-275.
<i>MP</i>	C215	Sonneveld (2000). "Multidrug resistance in haematological malignancies." <i>J Intern Med</i> <u>247</u> (5): 521-34.
<i>MP</i>	C216	Stanton et al. (1991). "Expression of CA III in rodent models of obesity." <i>Mol Endocrinol</i> <u>5</u> (6): 860-866.
<i>MP</i>	C217	Strachan et al. (2001). "Cloning and biological activity of epigen, a novel member of the epidermal growth factor superfamily." <i>J Biol Chem</i> <u>276</u> (21): 18265-18271.
<i>MP</i>	C218	SWALL (SPTR) Accession Number: Q9DEB5 (1-MAR-2002).
<i>MP</i>	C219	SWALL (SPTR) Accession Number: Q9PWH2 (1-MAR-2002).
<i>MP</i>	C220	SWALL (SPTR) Accession Number: Q9QW37 (1-MAY-2000).
<i>MP</i>	C221	SWALL (SPTR) Accession Number: Q9W742 (1-MAR-2002).
<i>MP</i>	C222	Takahashi et al. (2001). "Detection and identification of subcutaneous adipose tissue protein related to obesity in New Zealand obese mouse." <i>Endocr J</i> <u>48</u> (2): 205-211.
<i>MP</i>	C223	Takeda (2000). "Movement of zinc and its functional significance in the brain." <i>Brain Res Rev</i> <u>34</u> (3): 137-148.
<i>MP</i>	C224	Tang and Shay (2001). "Zinc has an insulin-like effect on glucose transport mediated by phosphoinositol-3-kinase and Akt in 3T3-L1 fibroblasts and adipocytes." <i>J Nutr</i> <u>131</u> (5): 1414-1420.
<i>MP</i>	C225	Tani et al. (2001). "Protease-induced leukocyte chemotaxis and activation: roles in host defense and inflammation." <i>J Med Invest</i> <u>48</u> (3-4): 133-1341.
<i>MP</i>	C226	Taupin et al. (2001). "Augmented intestinal trefoil factor (TFF3) and loss of pS2 (TFF1) expression precedes metaplastic differentiation of gastric epithelium." <i>Lab Invest</i> <u>81</u> (3): 397-408.
<i>MP</i>	C227	Taylor (2000). "LIV-1 breast cancer protein belongs to new family of histidine-rich membrane proteins with potential to control intracellular Zn ²⁺ homeostasis." <i>IUBMB Life</i> <u>49</u> (4): 249-253.
<i>MP</i>	C228	Usui et al. (1997). "cDNA cloning and mRNA expression analysis of the human neuronatin. High level expression in human pituitary gland and pituitary adenomas." <i>J Mol Neurosci</i> <u>9</u> (1): 55-60.
<i>MP</i>	C229	Van Raay et al. (2001). "frizzled 9 is expressed in neural precursor cells in the developing neural tube." <i>Dev Genes Evol</i> <u>211</u> (8-9): 453-457.
<i>MP</i>	C230	Vikolinsky et al. (2001). "Decreased brain levels of 2',3'-cyclic nucleotide-3'-phosphodiesterase in Down syndrome and Alzheimer's disease." <i>Neurobiol Aging</i> <u>22</u> (4): 547-553.
<i>MP</i>	C231	Waeber et al. (1995). "A 338-bp proximal fragment of the glucose transporter type 2 (GLUT2) promoter drives reporter gene expression in the pancreatic islets of transgenic mice." <i>Mol Cell Endocrinol</i> <u>114</u> (1-2): 205-215.
<i>MP</i>	C232	Wootton and Federhen (1996). "Analysis of compositionally biased regions in sequence databases." <i>Methods Enzymol</i> <u>266</u> : 554-571.
<i>MP</i>	C233	Wu (2001). "Gene targeting in hemostasis. Hepsin." <i>Front Biosci</i> <u>6</u> : D192-200.
<i>MP</i>	C234	Xian and Zhou (1999). "Roles of transforming growth factor-alpha and related molecules in the nervous system." <i>Mol Neurobiol</i> <u>20</u> (2-3): 157-183.

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
<i>MM</i>	C235	Yousef and Diamandis (2001). "The new human tissue kallikrein gene family: structure, function, and association to disease." <i>Endocr Rev</i> 22(2): 184-204.
<i>MM</i>	C236	Zheng et al. (2000). "Inducible targeting of IL-13 to the adult lung causes matrix metalloproteinase- and cathepsin-dependent emphysema." <i>J Clin Invest</i> 106(9): 1081-1093.

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Examiner Signature	<i>[Signature]</i>	Date Considered	10/15/04
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Modified Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	10/044,564
	Filing Date	01/11/02
	First Named Inventor	Mezes
	Group Art Unit	1635
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	21402-240 (Cura-540)

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date if Appropriate

FOREIGN PATENT DOCUMENTS							
Exam Initials	Cite No.	Foreign Patent Document Office Number		Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No	
dpw	B1	WO	02/04480	Human Genome Sciences, Inc.	1/17/02		
dpw	B2	WO	97/33995	Munin Corporation	9/18/97		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS		
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.
dpw	C237	International Search report for PCT/US 02/00609, mailed 11/15/02.
dpw	C238	Kestila, et al. "Positionally Cloned Gene for a Novel Glomerular Protein-Nephrin-Is Mutated in Congenital Nephrotic Syndrome" <i>Molecular Cell</i> :575-582.
dpw	C239	Wu, et al. (2000). "Characterization of differential gene expression in monkey arterial neointima following balloon catheter injury" <i>International Journal of Molecular Medicine</i> 6:433-440.

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Modified Form 1449/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Application Number	10/044,564
	Filing Date	01/11/2002
	First Named Inventor	Alsobrook, et al.
	Group Art Unit	1653
	Examiner Name	Wax, Robert A
	Attorney Docket Number	Cura 540 (21402-240)

U.S. PATENT DOCUMENTS							
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
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<i>MA</i>	C240	GenBank Accession Number: AAB94028 (17-JAN-2001).
<i>MA</i>	C241	GenBank Accession Number: AAB94035 (21-NOV-2001).
<i>MA</i>	C242	GenBank Accession Number: AAE25813 (28-AUG-2000).
<i>MA</i>	C243	GeneScape Accession Number: AAW26769 (21-MAY-1998).
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